

$a'$

an armature plate resiliently mounted to said base;

a first electromagnet mounted to said base in a spaced apart relationship to said armature;

a circuit for generating electrical pulses having a first output connected to said first electromagnet and a second output connected to said second electromagnet, said circuit configured for selectively operating the vibration generator in a circular orbital vibratory mode, an elliptical vibratory mode and a reciprocating vibratory mode.

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13. (amended) The vibrator apparatus of claim 1, wherein said circuit comprises a mode selector switch for selectively operating the vibration generator in the circular orbital vibratory mode, the elliptical vibratory mode and the reciprocating vibratory mode.

## NEW CLAIMS

Please add new claims as follows:

32. (NEW) The vibrator apparatus of claim 22, wherein said phase shifting circuit is configured to deliver electrical pulses to said first electromagnet and said second electromagnet at a variable phase shift angle.

33. (NEW) A vibrator apparatus comprising:

a base;

an armature plate resiliently mounted to said base;

an armature of magnetically attracted material mounted to said armature plate;

a first electromagnet mounted to said base in a spaced apart relationship to said armature;

a second electromagnet mounted to said base in a spaced apart relationship to said

armature; and

a circuit for generating electrical pulses having a first output connected to said first electromagnet and a second output connected to said second electromagnet, said circuit configured to deliver electrical pulses to said second electromagnet at a variable phase angle with respect to said first electromagnet, thereby inducing an orbital motion in said armature.

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cancel.